

XEROX CORPORATION -- 4405-32 CE-PROCESS BLACK TYPE H,TYPE V80 TONE

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MSDS Safety Information
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FSC: 6850
NIIN: 01-173-3992
MSDS Date: 09/10/1998
MSDS Num: CJMGG
Product ID: 4405-32 CE-PROCESS BLACK TYPE H,TYPE V80 TONER
MFN: 01
Responsible Party
Cage: 26921
Name: XEROX CORPORATION
Address: 100 CLINTON AVE SOUTH
C
ity: ROCHESTER NY 14644
Info Phone Number: 800-828-6571
Emergency Phone Number: 716-422-1230 HEALTH/716-422-1230TRN
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Item Description Information
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Item Manager: S9G
Item Name: TONER,DIRECT ELECTROSTATIC PROCESS
Specification Number: NONE
Type/Grade/Class: NONE
Unit of Issue: BX
Quantitative Expression: 00000000006EA
UI Container Qty: 1
Type of Container: BOX
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Ingredients
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Name: *** PROPRIETARY ***

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Health Hazards Data
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LD50 LC50 Mixture: LD50 RAT >10 GRAMS/KG
Route Of Entry Inds - Inhalation: YES
Skin: NO
Ingestion: YES
Carcinogenicity Inds - NTP: NO
IARC: NO
OSHA: NO
Effects of Exposure: ACUTE- INHALATION: PRACTICALLY NON-TO

XIC, HIGH

CONCENTRATIONS MAY CAUSE MILD IRRITATION. EYES:IRRITATION. SKIN: PROLONGED OR REPEATED CONTACT MAY CAUSE IRRITATION. INGESTION: PRACTICALLY NON-TOXIC, BUT MINUTE AMOUNTS ASPIRATED INTO LUNGS MAY CAUSE SEVERE PULMONARY INJURY INCLUDING FATALITY. CHRONIC: DERMATITIS.

Explanation Of Carcinogenicity: NO INGREDIENT OF A CONCENTRATION OF 0.1% OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.

Signs And Symptoms Of Overexposure: INHALED-IRRITATION, COUGHING. . SKIN-

IRRITATION, DRYNESS, DERMATITIS.EYES: IRRITATION, REDNESS.

Medical Cond Aggravated By Exposure: NONE NOTED.

First Aid: IN ALL CASES GET MEDICAL ATTENTION. INHALATION-REMOVE TO FRESH AIR.

GIVE ARTIFICIAL RESPIRATION, IF NOT BREATHING GIVE OXYGEN. EYE-FLUSH WITH WATER FOR 15 MINUTES, HOLD LID OPEN. SKIN-WASH WITH SOAP & WATER. REMOVE CONTAMINATED CLOTHING. INGESTION-DO NOT INDUCE VOMITING. IF VOMITING OCCURS, LOWER HEAD BELOW KNEES TO AVOID ASPIRATION INTO LUNGS. SEEK MEDICAL HELP

IMMEDIATELY.

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Handling and Disposal
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Spill Release Procedures: ELIMINATE ALL SOURCES OF IGNITION. RECOVER FREE LIQUID USING AN ABSORBENT MATERIAL (VERMICULITE). PLACE IN A CONTAINER FOR LATER DISPOSAL.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods: WASTE TONER MAY BE CLASSIFIED AS AN IGNITABLE (D001) WASTE UNDER FEDERAL/STATE REGULATIONS AND SHOULD BE DISPOSED OF AT AN

APPROVED FACILITY IAW LOCAL, STATE AND FEDERAL REGULATIONS.

Handling And Storage Precautions: STORE IN A COOL, DRY, WELL-VENTILATED PLACE AWAY FROM SOURCES OF IGNITION AND STRONG OXIDIZING AGENTS. KEEP CONTAINER CLOSED.

Other Precautions: AVOID BREATHING VAPORS. AVOID PROLONGED OR REPEATED SKIN CONTACT.

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Fire and Explosion Hazard Information
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Flash Point Method:

TCC

Flash Point: =38.9C, 102.F

Flash Point Text: 102F - 107F

Lower Limits: 0.8%

Upper Limits: 7.0%

Extinguishing Media: WATER FOG, CARBON DIOXIDE, DRY CHEMICAL, FOAM.

Fire Fighting Procedures: WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR. COOL FIRE EXPOSED CONTAINERS WITH WATER. AVOID BREATHING VAPORS OR FUMES.

Unusual Fire/Explosion Hazard: DO NOT MIX OR STORE WITH STRONG OXIDIZING AGENTS SUCH AS LIQUID CHLORINE OR CONCENTRATED OXYGEN.

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Control Measures
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Respiratory Protection: NONE NORMALLY REQUIRED.
Ventilation: NONE SPECIFIED BY MANUFACTURER.
Protective Gloves: NEOPRENE OR NITRILE.
Eye Protection: NONE NORMALLY REQUIRED.
Other Protective Equipment: NONE NORMALLY REQUIRED.
Work Hygienic Practices: WASH HANDS AFTER HANDLING AND BEFORE EATING, DRINKING,
OR SMOKING. LAUNDRY CONTAMINATED CLOTHES BEFORE REUSE.
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Physical/Chemical Properties
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HCC: F4
Boiling Point: >160.C, 320.F
B.P. Text: 160C - 180C
M.P/F.P Text: UNKNOWN
Decomp Text: UNKNOWN
Vapor Pres: 1MMHG @20C
Vapor Density: 5.0
Spec Gravity: 0.77
VOC Grams/Liter: 730
Viscosity: UNKNOWN
Evaporation Rate & Reference: 0.3 (N-BUTYL ACETATE=1)
Solubility in Water: IMMISCIBLE
Appearance and Odor: BLACK LIQUID; SLIGHT ODOR.
Percent Volatiles by Volume: 100
Corrosion Rate: UNKN
OWN
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Reactivity Data
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Stability Indicator: YES
Stability Condition To Avoid: NONE SPECIFIED BY MANUFACTURER.
Materials To Avoid: STRONG OXIDIZING AGENTS SUCH AS LIQUID CHLORINE AND
CONCENTRATED OXYGEN.
Hazardous Decomposition Products: FUMES, SMOKE AND CARBON MONOXIDE.
Hazardous Polymerization Indicator: NO
Conditions To Avoid Polymerization: WILL NOT OCCUR.
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Toxicological Information
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Toxicological Information: DEERMAL LD50 RABBIT >3.2 GRAM/KG PRACTICALLY
NON-TOXIC; INHALATION LC50 > 2000 PPM/4 HR (RAT), >1800 PPM/6 HR
(MONKEY) PRACTICALLY NON-TOXIC; NO MUTAGENICITY DETECTED IN AMES, POL
A+/A-, WP2, MOUSE LYMPHOMA, IN-VITRO SISTER CHROMATID EXCHANGE, DOMINANT
LETHAL AND MICRONUCLEUS ASSAYS. AQUATIC LC50: NONE AVAILABLE.

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Ecological Information
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MSDS Transport Information
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Transport Information: FLAMABLE LIQUID, NOS,3,UN1993,III.

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Regulatory Information
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Sara Title III Information: NO RQ.

State Regulatory Information:

NOT ON CALIFORNIA PROPOSITION 65 LIST; LISTED ON

CANADIAN DSL, TRADE SECRET INGREDIENTS ARE REGISTERED IN MASSACHUSETTS, NEW
JERSEY AND NEW YORK.

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Other Information
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Other Information: RAT INHALATION AT 900 PPM NOT FETOTOXIC OR TERATOGENIC.

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Transportation Information
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Responsible Party Code: 26921

Trans ID NO: 148531

Product ID: 4405-32 CE-PROCESS BLACK TYPE H,TYPE V80 TONER

MSDS Prepared Date: 09/10/1998

Review Date: 09/19/1999

MFN: 1

Tech Entry NOS Shipping Name: CONTAINS ISOPARAFFINIC HYDROCARBON SOLVENT

Net Unit Weight: 1.6 LB/QT

Multiple KIT Number: 0

Unit Of Issue: BX

Container QTY: 1

Type Of Container: BOX

Additional Data: U/I; 6X1 QT CANS

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Detail DOT Information
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DOT PSN Code: GJL
Symbols: G
DOT Proper Shipping Name: FLAMMABLE LIQUIDS, N.O.S.
Hazard Class: 3
UN ID Num: UN1993
DOT Packaging Group: III
Label: FLAMMABLE LIQUID
Special Provision: B1,B52,T7,T30
Packaging Exception: 150
Non Bulk Pack: 203
Bulk Pack: 242
Max Qty Pass: 60 L
Max Qty Cargo: 220 L
Vessel Stow Req: A

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Detail IMO Information

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IMO PSN Code: HIA
IMO Proper
Shipping Name: FLAMMABLE LIQUID, N.O.S. o
IMDG Page Number: 3345
UN Number: 1993
UN Hazard Class: 3.3
IMO Packaging Group: III
Subsidiary Risk Label: -
EMS Number: 3-07
MED First Aid Guide NUM: T

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Detail IATA Information

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IATA PSN CA
IATA UN ID Num: 1993
IATA Proper Shipping Name: FLAMMABLE LIQUID, N.O.S. *
IATA UN Class: 3
IATA Label: FLAMMABLE LIQUID
UN Packing Group: III
Packing Note
Passenger: 309
Max Quant Pass: 60L
Max Quant Cargo: 220L
Packaging Note Cargo: 310

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Detail AFI Information

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AFI PSN CA
AFI Symbols: *
AFI Proper Shipping Name: FLAMMABLE LIQUIDS, N.O.S.
AFI Hazard Class: 3
AFI UN ID NUM: UN1993
AFI Packing Group: III
Special Provisions: P5
Back Pack Reference: A7.3

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HAZCOM Label

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Product ID: 4405-32 CE-PROCESS BLACK TYPE H,TYPE V80 TONER
Cage: 26921
Company Name: XEROX CORPORATION
Street: 100 CLINTON AVE SOUTH
City: ROCHESTER NY
Zipcode: 14644-1877
Health Emergency Phone: 716-422-1230 HEALTH/716-422-1230TRN
Label Required IND: Y
Date Of Label Review: 09/19/1999
Status Code: A
Year Procured: 1999
Origination Code: F
Chronic Hazard IND: Y
Signal Word: CAUTION
Health Hazard: Slight
Contact Hazard: Slight
Fire Hazard: Slight
Reactivity H
azard: None

Hazard And Precautions: ACUTE- INHALATION: PRACTICALLY NON-TOXIC, HIGH CONCENTRATIONS MAY CAUSE MILD IRRITATION. EYES:IRRITATION. SKIN: PROLONGED OR REPEATED CONTACT MAY CAUSE IRRITATION. INGESTION: NON-TOXIC, BUT MINUTE AMOUNTS ASPIRATED INTO LUNGS MAY CAUSE SEVERE PULMONARY INJURY INCLUDING FATALITY. CHRONIC: DERMATITIS. FIRST AID- INHALATION-REMOVE TO FRESH AIR. GIVE CPR, IF NOT BREATHING GIVE OXYGEN. EYE-FLUSH WITH WATER FOR 15 MINUTES, HOLD LID OPEN. SKIN-WASH WITH SOAP & WATER. REMOVE CONTAMINATED CLOTHING. INGESTION-DO NOT INDUCE VOMITING. IF VOMITING OCCURS, LOWER HEAD BELOW KNEES TO AVOID ASPIRATION INTO LUNGS. SEEK MEDICAL HELP IMMEDIATELY.

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